

**In the Specification:**

On page 5, paragraph beginning at line 11, amend as follows:

A1 {The above and other objects, features, and advantages of the present invention will become apparent from the following description based on the accompanying drawings which illustrate examples of preferred embodiments of the present invention.}

On page 11, paragraph beginning at line 19, amend as follows:

A2 Similarly, an embodiment can be considered as yet another embodiment in which a multiplier operating speed of  $1/m$  is realized with  $m$  times the circuit scale, and also effective for improve the processing speed of the ~~diital~~digital filter.